

FORM PTO-1449		ATTY. DOCKET NO. I-2-178.3US	SERIAL NO. Not Yet Known
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Pan et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE Not Yet Known	GROUP Not Yet Known
(Use several sheets if necessary)			

J1011 U.S. PTO
10/07/509
02/16/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>S</i>	AA*	Anja Klein, Ghassan Kawas Kaled and Paul Walter Baier, "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels," IEEE Transactions on Vehicular Technology, Vol. 45, No. 2, May 1996
<i>B</i>	AB*	Anja Klein, "Data Detection Algorithms Specially Designed for the Downlink of CDMA Mobile Radio Systems," IEEE 47th Vehicular Technology Conference, Phoenix, Arizona, USA, May 4-7, 1997
<i>B</i>	AC*	H.R. Karimi and N.W. Anderson, "A Novel and Efficient Solution to Block-Based Joint-Detection Using Approximate Cholesky Factorization," Motorola GSM Products Division, Swindon, UK, 1998
<i>b</i>	AD*	PA Consulting Group/Racal Instruments Ltd., "Low Cost MMSE-BLE-SD Algorithm for UTRA TDD Mode Downlink," ETSI STC SMG2 Layer 1 Expert Group, Helsinki, Finland 8-11th Sept 1998
<i>b</i>	AE*	Anja Klein and Paul W. Baier, "Linear Unbiased Data Estimation in Mobile Radio Systems Applying CDMA," IEEE Journal on Selected Areas in Communications, Vol. 11, No. 7, Sept 1993

EXAMINER *hts bls* DATE CONSIDERED *11/30/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0178.3US</p> <p>APPLICANT Pan et al.</p> <p>FILING DATE February 15, 2002</p>	<p>SERIAL NO. 10/077,509</p> <p>GROUP 2663</p>
---	---	--

U.S. PATENT DOCUMENTS

RECEIVED

OCT 29 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE		COUNTRY		CLASS	SUBCLASS	TRANSLATION	
		9	9	4	0	6	9	8	12/1999		PCT				YES	NO
<i>(Signature)</i>	AF															

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AG	Benvenuto et al., "Joint Detection With Low Computational Complexity For Hybrid TD CDMA Systems" IEEE VTS 50 th Vehicular Technology Conference, Amsterdam, September 19 - 22, 1999

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<p>02 9 ARK OFFICE</p> <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0178.3US</p> <p>APPLICANT Pan et al.</p>	<p>SERIAL NO. 10/077,509</p>
	<p>FILING DATE February 15, 2002</p>	<p>GROUP 2663</p>

U.S. PATENT DOCUMENTS

~~RECEIVED~~

JULY 19 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AG		Benvenuto, N. et al., entitled: "Joint Detection with Low Computational Complexity for Hybrid TD-CDMA Systems", VTC, Fall 1999. IEEE VTS 50 th , Vehicular Technology Conference, Amsterdam, 9/19/99, IEEE Vehicular Technology Conference, NY, NY IEEE US, Vol. 1 Conf. 50, pps 618-622
<i>JB</i>			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.